

Sam Fuller

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Research Interests and Expertise

Substantive: American political behavior, public opinion, and political-psychology, American & Western European affective and ideological polarization

Quantitative: Dimensional scaling & machine learning, general quantitative research methods (design and implementation), survey and experimental designs, causal inference

Education

University of California, Davis

Davis, California

PHD IN POLITICAL SCIENCE

2017–

- With focus on American Politics, Political Methodology, and Comparative Politics
- **Committee:** *Christopher Hare, James Adams, Benjamin Highton, Robert Lupton, Ryan Bakker*
- **Dissertation:** Applications and Advances in Political Methodology.

Berry College

Rome, Georgia

B.S. IN POLITICAL SCIENCE & ECONOMICS

2013–2017

- With focus on comparative politics and econometrics

Peer-Reviewed Publications

- [5] Fuller, Sam, Will Horne[‡], James Adams, & Noam Gidron (2022) **Populism and the Affective Partisan Space in Nine European Publics: Evidence from a Cross-National Survey**. *Frontiers in Political Science*. 1–12. <https://doi.org/10.3389/fpos.2022.984238>.
- [4] Fuller, Sam, Sara Kazemian[‡], Carlos Algara[‡], Daniel J. Simmons[‡] (2022) **Assessing the Effectiveness of COVID-19 Vaccine Lotteries: A Cross-State Synthetic Control Methods Approach**. *PLoS One*. 1–12. <https://doi.org/10.1371/journal.pone.0274374>.
★ Research reprinted in U.S. National Library of Medicine Center for Biotechnology Information PubMed Archive .
- [3] Kazemian, Sara[‡], Sam Fuller, & Carlos Algara[‡] (2021) **The Role of Race and Scientific Trust on Support for COVID-19 Social Distancing Measures in the United States**. *PLoS One*. 1–23. <https://doi.org/10.1371/journal.pone.0254127>.
★ Research reprinted in U.S. National Library of Medicine Center for Biotechnology Information PubMed Archive .
- [2] Algara, Carlos[‡], Sam Fuller, Christopher D. Hare, & Sara Kazemian[‡] (2020) **The Interactive Effects of Scientific Knowledge & Gender on COVID-19 Social Distancing Compliance**. *Social Science Quarterly*. 1–10. <https://doi.org/10.1111/ssqu.12894>.
- [1] Algara, Carlos[‡], Sam Fuller, & Christopher D. Hare (2020) **The Conditional Effects of Scientific Knowledge & Gender on Support for COVID-19 Government Containment Policies in a Partisan America**. *Politics & Gender*. 1–10. doi:10.1017/S1743923X20000458.
★ Research accepted for *Politics & Gender* as part of the Cambridge Coronavirus Collection
★ Research featured in *Invited 3Streams Blog Post: 'Does gender explain support for COVID-19 policies?'* (August 26, 2020)
★ Research reprinted as part of the Public Health Emergency COVID-19 Initiative, U.S. National Library of Medicine: *National Institutes of Health*.

[‡] Denotes graduate student and junior faculty colleague co-author.

Research in Preparation

RESEARCH UNDER REVIEW

- [1] Fuller, Sam & Tzu-Ping Liu[‡] (Manuscript Proposal Presented at 2021 APSA Annual Meeting) “Extending Contrastive Learning to Public Opinion Data: Contrastive Scaling as an Alternative to Bridging”. *May 2023–Submitted to Political Science Research and Methods*.

- [2] Jack T. Rametta[‡] & Fuller, Sam (Manuscript Proposal Presented at 2023 MPSA Annual Meeting) “Balance Tests Are Dead, Long Live Balance Tests: A New Machine Learning Approach to Detecting Randomization Failures”. *August 2023–Submitted to the American Political Science Review*.
- [3] Fuller, Sam, Nicolás de la Cerda,[‡] & Jack T. Rametta[‡] (Manuscript Proposal Presented at 2023 WPSA Annual Meeting) “Affect or Ideology?: The Heterogeneous Effects of Political Cues on Policy Support”. *August 2023–Submitted to the American Journal of Political Science*.

WORKING PAPERS

- [1] Sam Fuller & Jack T. Rametta[‡] & (Manuscript Proposal Presented at 2023 MPSA Annual Meeting) “Old Dog, New Tricks: A Principled Approach to Machine Learning for Experiments”. *Working Paper*.
- [2] Algara, Carlos[‡] & Sam Fuller (Manuscript Proposal Presented at 2022 MPSA Annual Meeting) “Rational Voting in the Age of Ideological Polarization & Responsible Parties: Examining Presidential Elections from 1972–2020”. *Working Paper*.
- [3] Fuller, Sam (Dissertation Chapter) “See It in 3D: The Underlying Dimensions of Affective Polarization”. *Working Paper*.
- [4] Liu, Tzu-Ping[‡] Sam Fuller, & Gento Kato[‡] (Manuscript Proposal Presented at 2020 PolMeth Annual Meeting) “A Linear Algebraic Approach of Bridging Ideological Spaces”. *Working Paper*.

Grants & Awards

2023	Conference Travel Grant (\$400) , Elections, Public Opinion, and Voting Behavior (EPOVB) Conference
2023	Conference Travel Grant (\$500) , UC Davis Graduate Student Association
2022	Department Research Award (\$1,500) , UC Davis Department of Political Science
2021	Conference Travel Grant (\$1,000) , UC Davis Graduate Student Association
2021	Faculty-Student Summer Collaborative Research Fellowship (\$5,000) , UC Davis Department of Political Science (Collaboration with James Adams)
2021	Department Travel Grant to the Annual Meeting of the American Political Science Association (\$500) , UC Davis Department of Political Science
2019	Department Travel Grant to the Annual Meeting of the Midwest Political Science Association (\$500) , UC Davis Department of Political Science
2018	Department Travel Grant to UCLA’s COMPASS Graduate Student Conference (\$500) , UC Davis Department of Political Science
2017	Fall Graduate Student Fellowship (\$6,000) , UC Davis Department of Political Science

Research Assistantships

Cooperative Congressional Election Study: University of Georgia Module

CO-INVESTIGATOR

2022–2023

- Survey research collaboration with Dr. Alexa Bankert (Assistant Professor of Political Science, University of Georgia)

Study of Affective Polarization in 10 European Democracies

CO-INVESTIGATOR

2022

- Analysis of survey research with Dr. James Adams (Professor of Political Science, UC Davis)

Policy Institute & Three Revolutions Future Mobility Transportation Research Program

GRADUATE STUDENT RESEARCHER

2018–2023

- Writing, data analysis, and survey & interview research collaboration with Austin L. Brown, Mollie C. D’Agostino, & Caroline Rodier (Institute of Transportation Studies, UC Davis)

Study of Immigration Raids on Adverse Birth Outcomes

GRADUATE STUDENT RESEARCHER

2023–Present

- Writing and data analysis collaboration with Caitlin Patler (Department of Sociology, UC Davis & UC Berkeley)

Conference Presentations

American Political Science Association

- Annual Meeting, (Section Panel) 2021

Society for Political Methodology (PolMeth)

- Annual Meeting, (Section Panel) 2020

Midwest Political Science Association

- Annual Meeting, (Section Panel) 2019, 2022, 2023

Western Political Science Association

- Annual Meeting, (Section Panel) 2023

UCLA COMPASS Graduate Student Conference

- Annual Meeting, (Section Panel) 2018

Applied Computing & Research Skills

- Software** R (advanced, including data visualization, data management, causal inference, scaling, & machine learning), Qualtrics
- Methodology** Latent variable measurement & scaling, machine learning, causal inference, & experimental design
- Presentation** \LaTeX (advanced, including **Beamer** Presentation, Bibtex, & Poster Presentation), **RMarkdown** (advanced, including type-setting, code replication/collaboration, & HTML web development)

Department & Professional Service

- 2019–2021 **Student Co-founder & Organizer**, Political Science Methods Series with JD Mussel & Christopher Hare. Funded through a \$300 yearly grant from the Graduate Student Association.
- 2021–22 **Mentor**, UC Davis Undergraduate Research Training & Mentorship Program (Funded)
- 2018–2021 **Graduate Student Peer Mentor**, Department of Political Science, UC Davis
- 2018–2020 **Graduate Student Leadership Committee**, Department of Political Science, UC Davis

Teaching Experience

University of Michigan: ICPSR Summer Program

- TA, 4-Week Workshops, *Machine Learning: Applications in Social Science Research* (2019–2023)
- TA, 1-Week Workshops, *Machine Learning: Applications in Social Science Research* (Summer 2020)

University of California, Davis

- TA, Winter Quarter, *Elections and Voting Behavior* (2018)
- TA, Spring Quarter, *The Legislative Process* (2018)
- TA, Spring Quarter, *The Scientific Study of Politics* (2020)

References

Dr. Christopher D. Hare

ASSOCIATE PROFESSOR, DEPARTMENT OF POLITICAL SCIENCE, UNIVERSITY OF CALIFORNIA, DAVIS

- [✉ cdhare@ucdavis.edu](mailto:cdhare@ucdavis.edu)

Dr. James F. Adams

PROFESSOR, DEPARTMENT OF POLITICAL SCIENCE, UNIVERSITY OF CALIFORNIA, DAVIS

- [✉ jfadams@ucdavis.edu](mailto:jfadams@ucdavis.edu)

Dr. Carlos Algara

ASSISTANT PROFESSOR, DEPARTMENT OF POLITICS & POLICY, CLAREMONT GRADUATE UNIVERSITY

- [✉ carlos.algara@cgu.edu](mailto:carlos.algara@cgu.edu)